ABSTRACT

The present invention extracts common portions each composed of a structure and text character strings included commonly in both an original version and a revised version of a structured document, and difference portions specific to either the original version or the revised version. Based on the extraction results from the above two version documents, the present invention creates a multi-version document having version description tags attached thereto. When a further-revised version is created, the present invention performs the above process on the latest version included in the created multi-version document and the further-revised version to create a new multi-version document. By using the created multi-version document, it is possible to collectively display changes made to all the versions as well as to display the change history of a portion to which each change was made.